

Figure 1a Prior Art

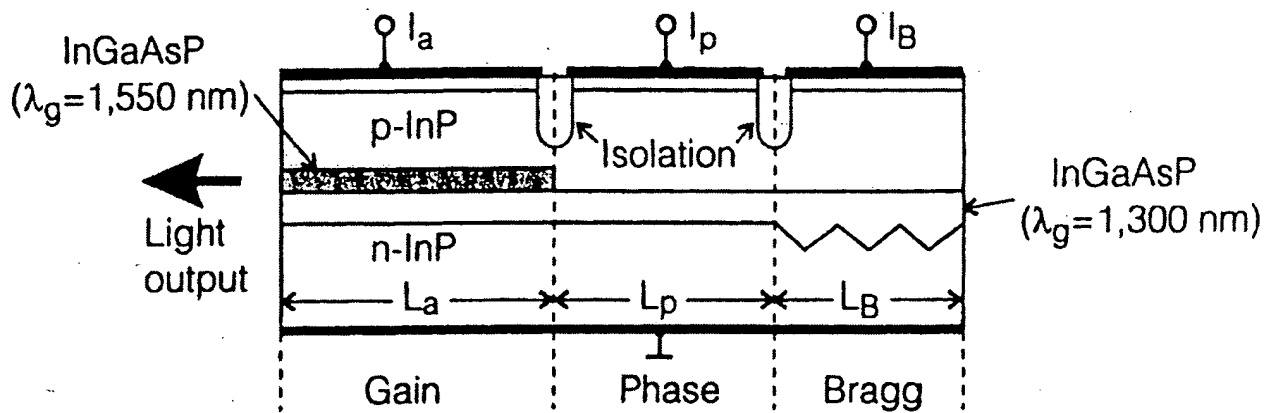


Figure 1b Prior Art

Figure 2a

Prior Art

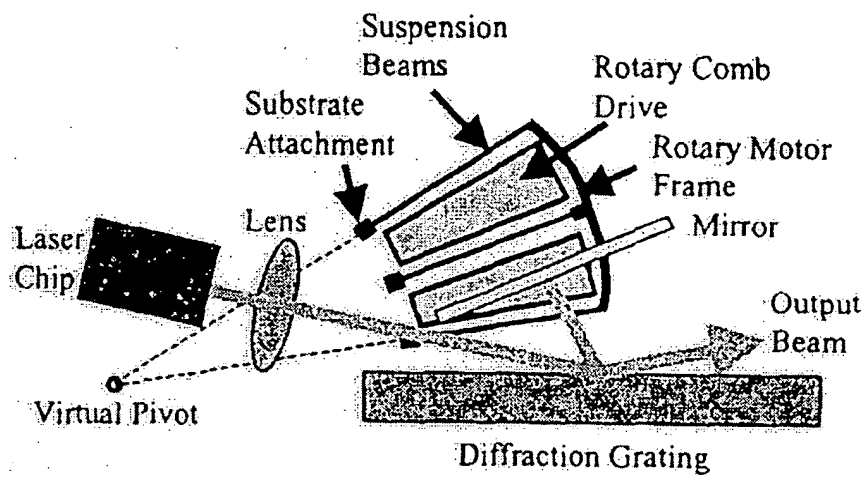
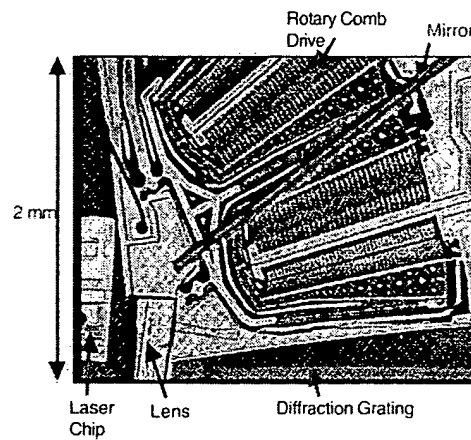
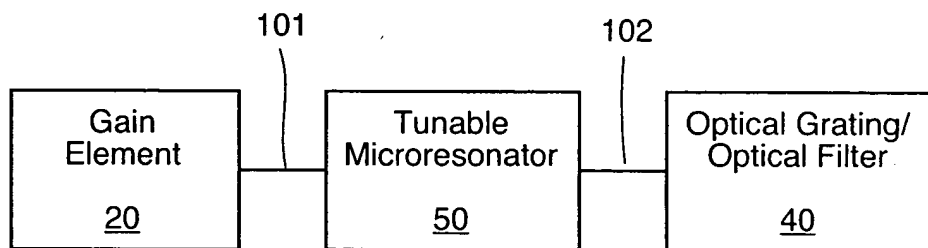


Figure 2b Prior Art



100

Figure 3

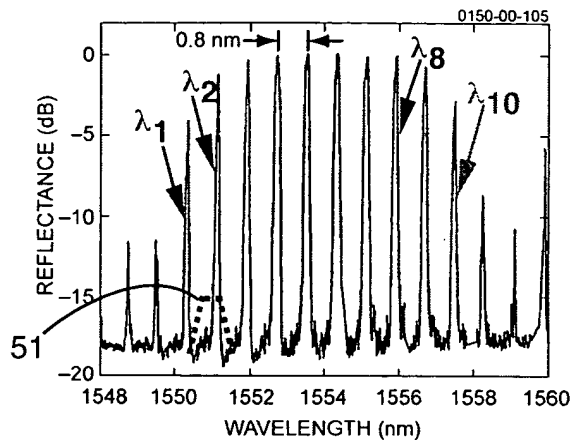


Figure 4a

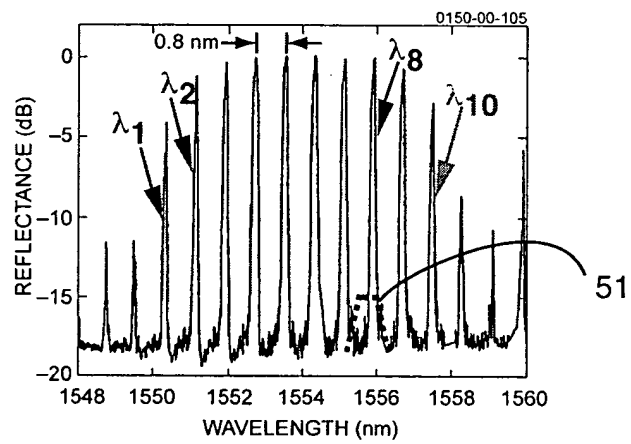


Figure 4b

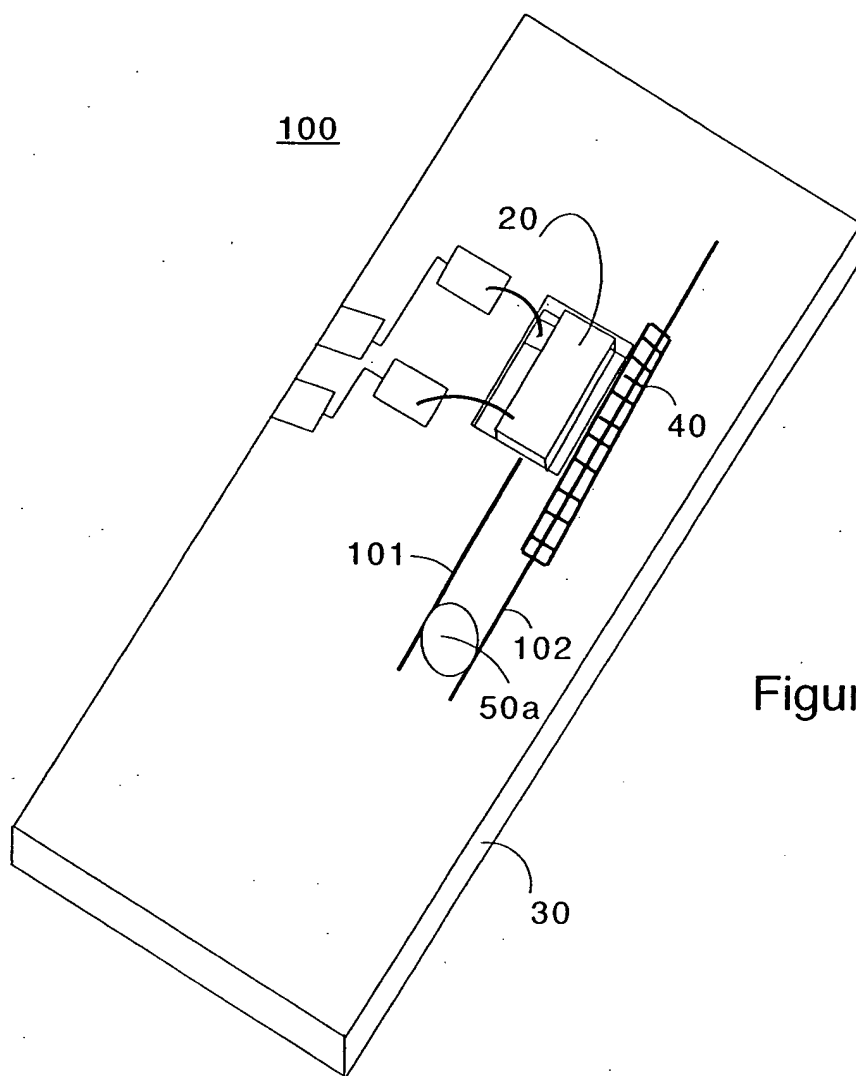


Figure 5

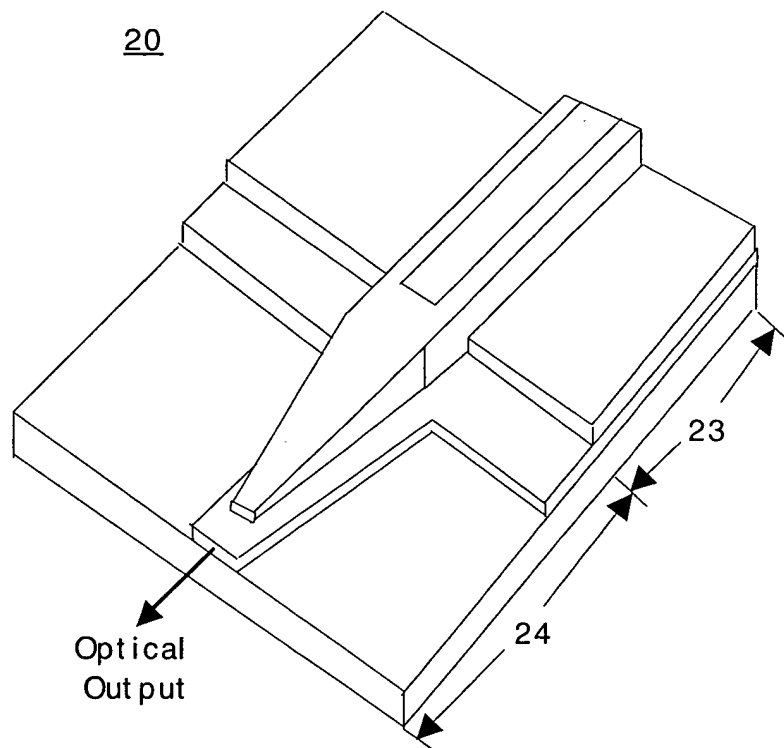


Figure 6

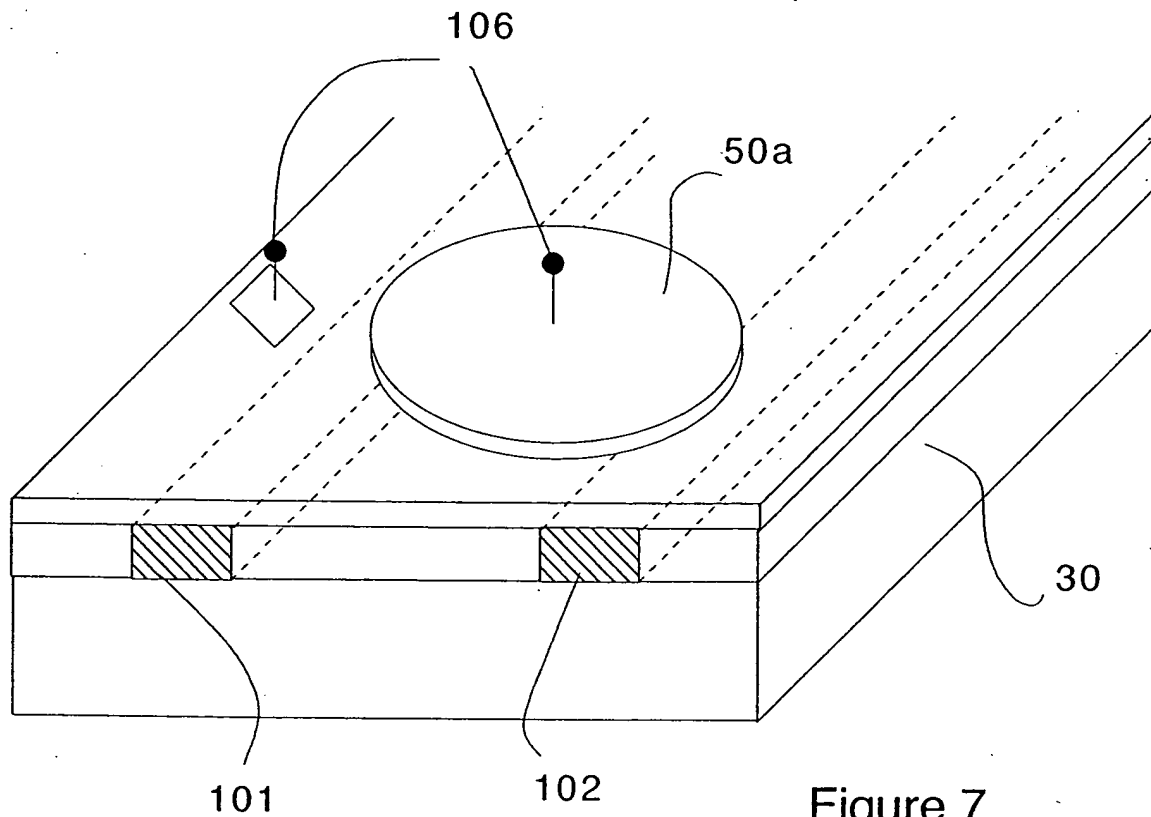


Figure 7

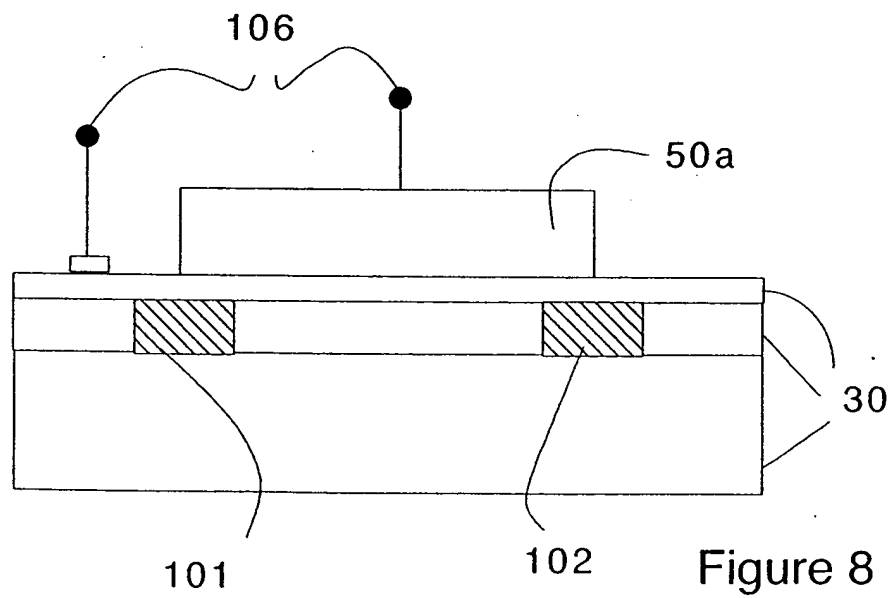


Figure 8

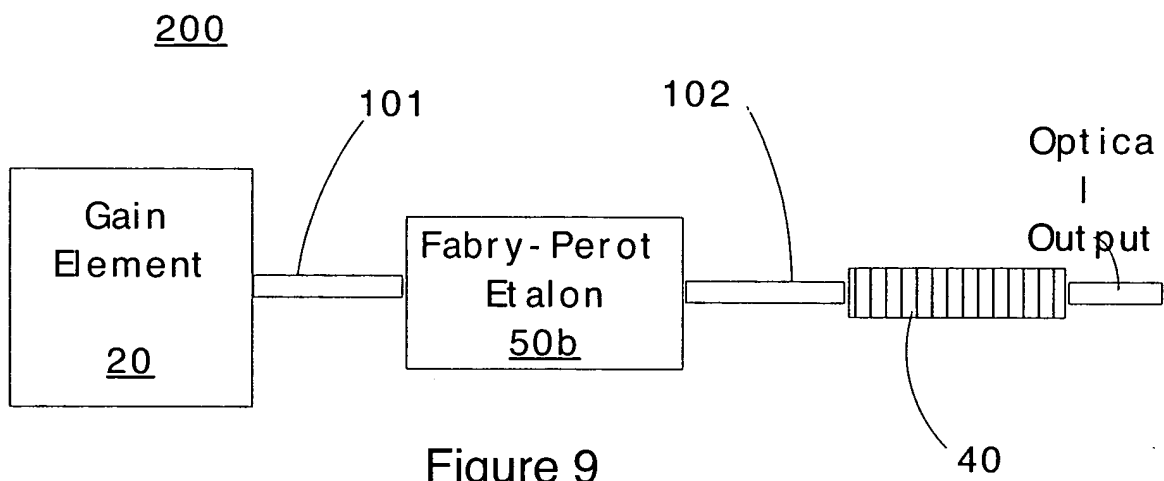


Figure 9

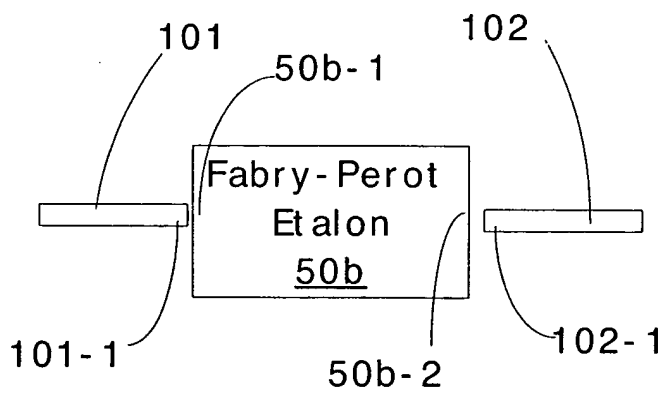


Figure 10

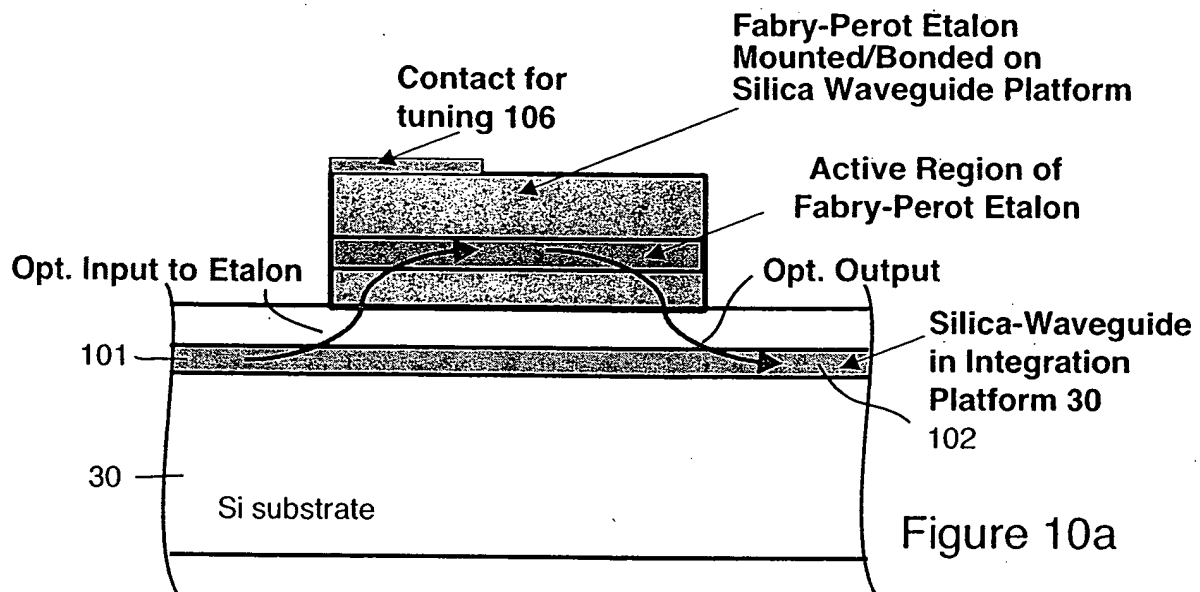


Figure 10a

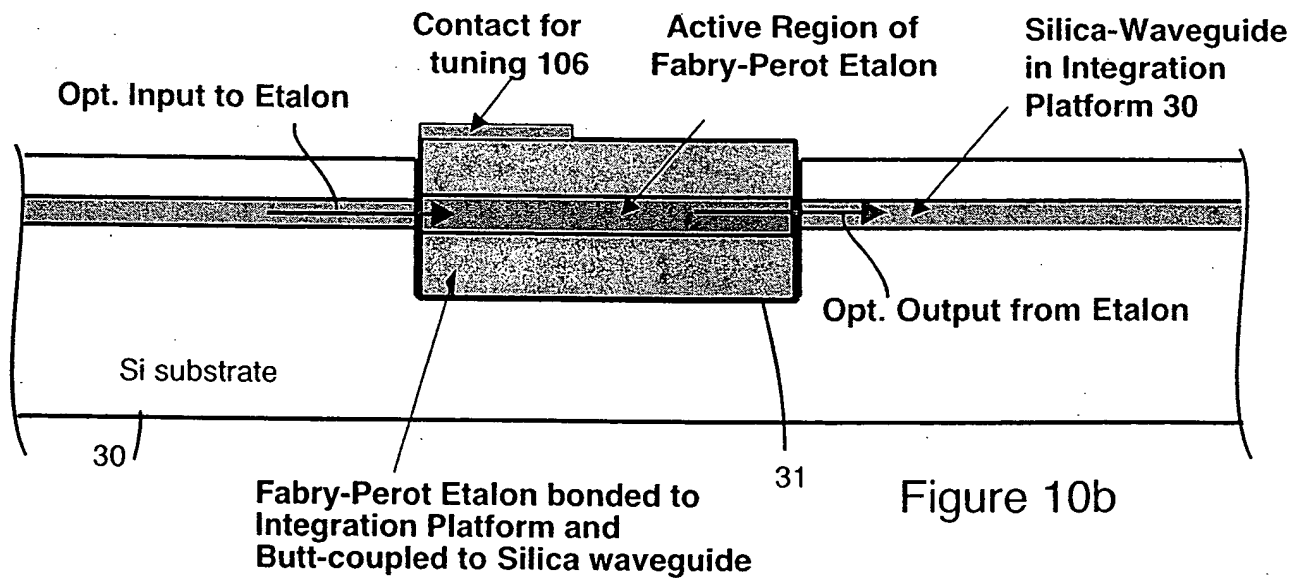


Figure 10b

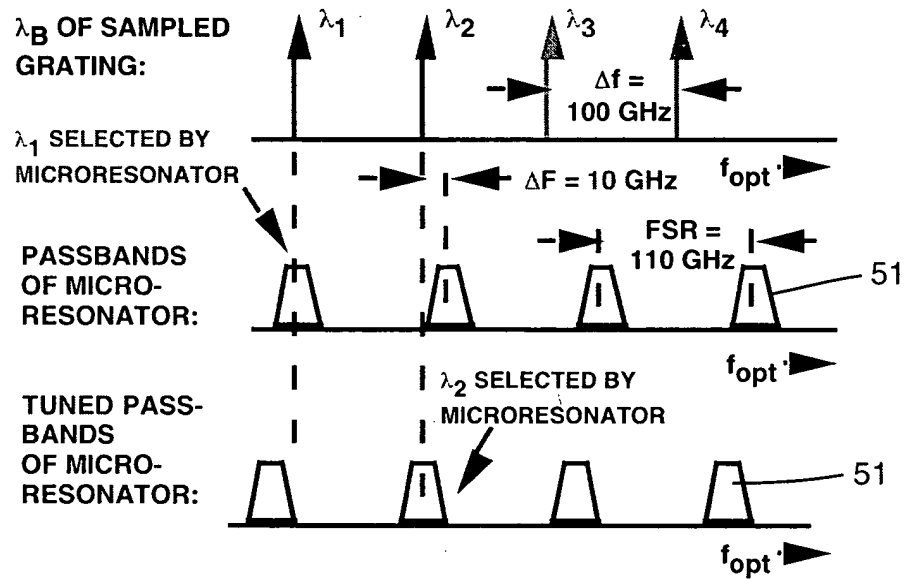
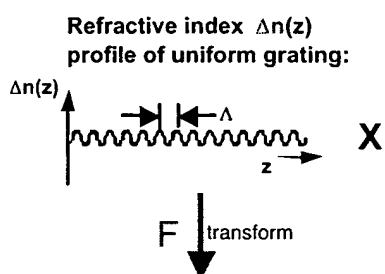


Figure 11

Fig. 12a



Spatial frequency (f_s) spectrum for uniform grating:

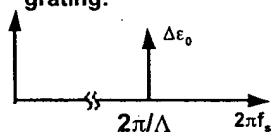
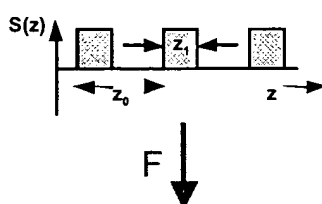


Fig. 12d

Fig.12b

Sampling function:



Spatial frequency spectrum for Sampling function:

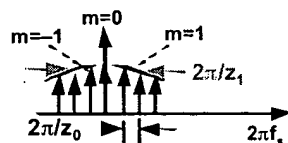
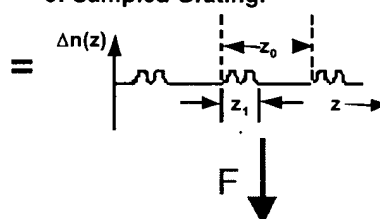


Fig. 12e

Fig. 12c

Resulting index $\Delta n(z)$ profile of Sampled Grating:



Spatial frequency spectrum for resulting Sampled Grating:

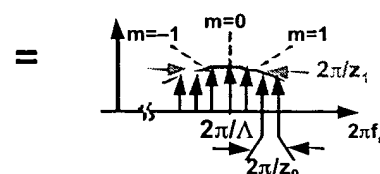


Fig. 12f

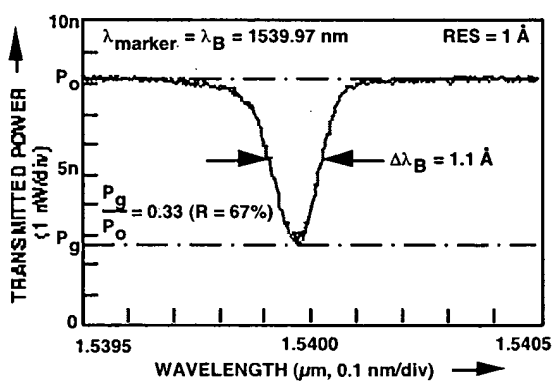


Figure 13a

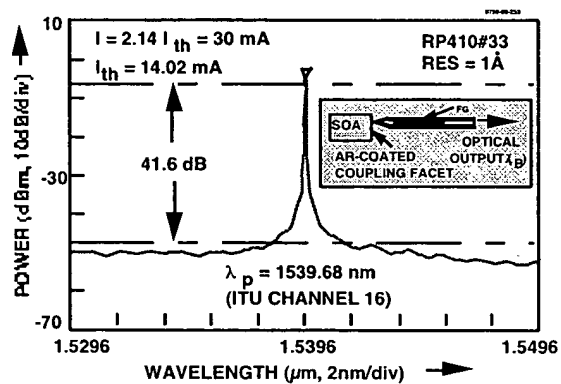


Figure 13b